

NMML Acquisitions: June – July 1997

This list is for informational purposes only, indicating volumes currently in the NMML Library collection. This is a searchable PDF file. Press Ctrl+F and type the keyword you are searching for.

Abouheif, E. & Fairbairn, D.J. 1997. A comparative analysis of allometry for sexual size dimorphism: assessing Rensch's rule. *American Naturalist* **149**, 540-562.

Adams, D.C., Gurevitch, J. & Rosenberg, M.S. 1997. Resampling tests for meta-analysis of ecological data. *Ecology* **78**, 1277-1283.

Alaska 1997. The irony of Steller sea lions. When an 'endangered' species is a nuisance. *Alaska* **63**, 11.

Allen-Gil, S.M.e.al. 1997. Heavy metal accumulation in sediment and freshwater fish in U.S. Arctic lakes. *Environ. Toxicol. Chem.* **16**, 733-741.

Anderson, D.M., White, L. & MacLean, J. 1997. Determination of the true metabolizable energy (TMEN) by roosters of feedstuffs made from seal by-products. *Can. J. Anim. Sci.* **77**, 165-167.

Andrews, B.F., Duffield, D.A. & McBain, J.F. 1997. Marine mammal management: aiming at year 2000. *IBI Reports* **No. 7**, 125-130.

Ansorge, H., Schipke, R. & Zinke, O. 1997. Population structure of the otter, {*Lutra lutra*}. Parameters and model for a central European region. *Z. Säugetierkunde* **62**, 143-151.

Arnould, J.P.Y. 1997. Lactation and the cost of pup-rearing in Antarctic fur seals. *Mar. Mammal Sci.* **13**, 516-526.

Atkinson, D. & Sibly, R.M. 1997. Why are organisms usually bigger in colder environments? Making sense of a life history puzzle. *Trends in Ecology and Evolution* **12**, 235-239.

Au, W.W.L. 1997. Some hot topics in animal bioacoustics. *J. Acoust. Soc. Am.* **101**, 2433-2441.

Au, W.W.L., Nachtigall, P.E. & Pawloski, J.L. 1997. Acoustic effects of the ATOC signal (75 Hz, 195 dB) on dolphins and whales. *J. Acoust. Soc. Am.* **101**, 2973-2977.

Avala-Gonz*lez, Alfredo, Jorge Urb*n-Ram*rez and Carlos Esquivel-Mac*as .1994. A note on artisanal fisheries interactions with small cetaceans in Mexico, pp. 235-237 In: William F. Perrin, Gregory P. Donovan and Jay Barlow, editors. Cambridge, England, International Whaling Commission.

Baird, R.W. & Hanson, M.B. 1997. Status of the northern fur seal, {*Callorhinus ursinus*}, in Canada. *Can. Field-Nat.* **111**, 263-269.

Bajpai, S. & Domning, D.P. 1997. A new dugongine sirenian from the early Miocene of India. *J. Vertebr. Paleontol.* **17**, 219-228.

Ballance, Lisa T., Robert L. Pitman, Stephen B. Reilly and Michael P. Force. 1996. *Report of a Cetacean, Seabird, Marine Turtle and Flying Fish Survey of the Western Tropical Indian Ocean Aboard the Research Vessel Malcolm Baldrige March 21 - July 26, 1995*. La Jolla, CA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-SWFSC-224) 132p. SH11.C47 no.224

Ballou, J. D., M. Gilpin and T. J. Foose. 1994. *Population Management for Survival and Recovery: Analytical Methods*

and Strategies in Small Population Conservation. New York, Columbia University Press. (Methods and cases in conservation science series) 375p. QL82 .P67 1994

Balykin, P.A. 1997. Some traits of reproduction ecology of the walleye pollock {I^Theragra chalcogramma}. *J. Ichthyol.* **37**, 259-263.

Barnes, T.G. 1997. State agency oversight of the nuisance wildlife control industry. *Wildlife Society Bulletin* **25**, 185-188.

Basberg, Bjorn L., Jan Erik Ringstad and Einar Wexelsen. 1993. *Whaling and History: Perspectives on the Evolution of the Industry*. Sandefjord, Norway, Kommandor Chr. Christensens Hvalfangstmuseum. 214p. SH381 .W55 1993

Bassos-Hull, K. & Wells, R.S. 1997. Effect of pool features on the behavior of captive dolphins. *Mar. Mammal Sci.* **13**, 533-534.

Beckmen, K.B., Lowenstine, L.J., Newman, J., Hill, J., Hanni, K. & Gerber, J. 1997. Clinical and pathological characterization of northern elephant seal skin disease. *J. Wildl. Dis.* **33**, 438-449.

Beisner, B.E., McCauley, E. & Wrona, F.J. 1997. Predator-prey instability: individual-level mechanisms for population-level results. *Funct. Ecol.* **11**, 112-120.

Bekkby, T. & Holand, B. 1997. A temperature-sensitive acoustic transmitter for remote monitoring of stomach temperature in aquatic endotherms. *Sarsia* **82**, 77-80.

Belt, D. 1997. An Arctic breakthrough: heralding a new era of cooperation, the United States and Russia are making data from their Cold War intelligence archives available to science. *Natl. Geogr.* **191**, 36-57.

Bernhoft, A., Wiig, O. & Skaare, J.U. 1997. Organochlorines in polar bears ({I}Ursus maritimus) at Svalbard. *Environ. Pollut.* **95**, 159-175.

Black, Nancy A. et al. 1996. *A Killer Whale Catalog for California and Western Mexico*. [La Jolla, CA], National Marine Fisheries Service, Southwest Fisheries Science Center, NOAA. 39p.

Blackman, S. 1997. Natural disaster pushes rare seals to the brink. *New Sci.* **154**, 5.

Blight, L.K. & Burger, A.E. 1997. Occurrence of plastic particles in seabirds from the eastern North Pacific. *Mar. Pollut. Bull.* **34**, 323-325.

Bonnaud, L., Boucher-Rodoni, R. & Monnerot, M. 1997. Phylogeny of cephalopods inferred from mitochondrial DNA sequences. *Mol. Phylogenetic Evol.* **7**, 44-54.

Bonnaud, L., Boucher-Rodoni, R. & Monnerot, M. 1996. Relationship of some coleoid cephalopods established by 3' end of the 16S rDNA and cytochrome oxidase III gene sequence comparison. *Am. Malacolog. Bull.* **12**, 87-90.

Borchers, D. L. 1996. Line Transect Abundance Estimation With Uncertain Detection on the Trackline. Dissertation, University of Cape Town. 233p. THESIS B-34. THESIS B-34

Borrell, A., Aguilar, A., Corsolini, S. & Focardi, S. 1996. Evaluation of toxicity and sex-related variation of PCB levels in Mediterranean striped dolphins affected by an epizootic. *Chemosphere* **32**, 2359-2369.

Bost, C.A., Georges, J.Y., Guinet, C., Cherel, Y., P*tz, K., Charrassin, J.B., Handrich, Y., Zorn, T., Lage, J. & Le Maho, Y. 1997. Foraging habitat and food intake of satellite-tracked king penguins during austral summer at Crozet

Archipelago. *Marine Ecology Progress Series* **150**, 21-33.

Boyd, I.L. 1997. The behavioural and physiological ecology of diving. *Trends in Ecology and Evolution* **12**, 213-217.

Bree, P.J.H.v. 1997. On extralimital records of hooded seals, {ICystophora cristata} (Erxleben, 1777), on the western European continental coast. *Z. S*ugetierkunde* **62**, 182-186.

Brierley, A.S., Watkins, J.L. & Murray, A.W.A. 1997. Interannual variability in krill abundance at South Georgia. *Marine Ecology Progress Series* **150**, 87-98.

Brosens, L., Jauniaux, T., Siebert, U., Benke, H. & Coignoul, F. 1996. Observations on the helminths of harbour porpoises ({IPhocoena phocoena}) and common guillemots ({IUria aalge}) from the Belgian and German coasts. *Vet. Rec.* **139**, 254-257.

Brown, E.G. & Pierce, G.J. 1997. Diet of harbour seals at Mousa, Shetland, during the third quarter of 1994. *J. Mar. Biol. Assoc.* **77**, 539-555.

Brownell, R.L.Jr., Burdin, A.M., Blokhin, S.A. & Berzin, A.A. 1997. Observations on bowhead whales ({IBalaena mysticetus}) in the Shantar Archipelago, western Okhotsk Sea. *IBI Reports No.* **7**, 1-7.

Buckley, N.J. 1997. Spatial-concentration effects and the importance of local enhancement in the evolution of colonial breeding in seabirds. *American Naturalist* **149**, 1091-1112.

Bulletin, M.P. 1997. Fur seals oiled in Uruguay. *Mar. Pollut. Bull.* **34**, 286.

Burggren, W.W. 1997. Identifying and evaluating patterns in cardiorespiratory physiology. *Am. Zool.* **37**, 109-115.

Burns, J.M. & Castellini, M.A. 1996. Physiological and behavioral determinants of the aerobic dive limit in Weddell seal ({ILeptonychotes weddellii}) pups. *J. Comp. Physiol. B* **166**, 473-483.

Butterworth, D.S., Punt, A.E., Oosthuizen, W.H. & Wickens, P.A. 1995. The effects of future consumption by the Cape fur seal on catches and catch rates of the Cape hakes. 3. Modelling the dynamics of the Cape fur seal {IArctocephalus pusillus pusillus}. *S. Afr. J. Mar. Sci.* **16**, 161-183.

Caddy, J. 1997. Checks and balances in the management of marine fish stocks: organizational requirements for a limit reference point approach. *Fish. Res.* **30**, 1-15.

Calambokidis, John, Steve Osmek and Jeff L. Laake. 1997. *Aerial Surveys for Marine Mammals in Washington and British Columbia Inside Waters*. Olympia, WA, Cascadia Research Collective. v.p.p.

Calambokidis, John and Gretchen Steiger. 1997. *Blue Whales*. Grantown-on-Spey, Scotland, Colin Baxter Photography. 72p. QL737 .C424 C34 1997

Calkins, Jay R., Bob Williams and John Crawford. 1992. *Tales of Whales, Turtles, Sharks and Snails: an Elementary Level Educational Handbook*. Savannah, GA, University of Georgia Marine Extension Service. 55p. GC31 .C3 1992

Campbell, R.R. 1997. Rare and endangered fishes and marine mammals of Canada: COSEWIC Fish and Marine Mammal Subcommittee status reports: XI. *Can. Field-Nat.* **111**, 249-257.

Canadian Centre for Fisheries Innovation and Memorial University of Newfoundland. 1997. *International Scientific Workshop. Harp Seal-Fishery Interactions in the Northwest Atlantic: Toward Research & Management Actions*.

February 24 to 27, 1997, St. John's, Newfoundland, Canada . (41p)

- Carbone, C., Du Toit, J.T. & Gordon, I.J. 1997. Feeding success in African wild dogs: does kleptoparasitism by spotted hyenas influence hunting group size. *J. Anim. Ecol.* **66**, 318-326.
- Carlson, C. 1996. Whalewatching and its effects on the whales. *Whalewatcher* **30**, 8-10.
- Castree, N. 1997. Nature, economy and the cultural politics of theory: the 'war against the seals' in the Bering Sea, 1870-1911. *Geoforum* **28**, 1-20.
- Cattet, M.R.L., Caulkett, N.A., Polischuk, S.C. & Ramsay, M.A. 1997. Reversible immobilization of free-ranging polar bears with medetomidine-zolazepam-tiletamine and atipamezole. *J. Wildl. Dis.* **33**, 611-617.
- Chapman, P.M. 1997. Is bioaccumulation useful for predicting impacts. *Mar. Pollut. Bull.* **34**, 282-283.
- Chown, S. 1997. Antarctic biology in the mainstream? *Trends in Ecology and Evolution* **12**, 247.
- Clapham, P. 1996. Too much is never enough: can the whaling industry be trusted? *Whalewatcher* **30**, 4-7.
- Clapham, P.J., Leatherwood, S., Szczepaniak, I. & Brownell, R.L.Jr. 1997. Catches of humpback and other whales from shore stations at Moss Landing and Trinidad, California, 1919-1926. *Mar. Mammal Sci.* **13**, 368-394.
- Clark, D.A., Stirling, I. & Calvert, W. 1997. Distribution, characteristics, and use of earth dens and related excavations by polar bears on the western Hudson Bay lowlands. *Arctic* **50**, 158-166.
- Clark, Tim W., Richard P. Reading and Alice L. Clarke. 1994. *Endangered Species Recovery: Finding the Lessons, Improving the Process*. Washington, DC, Island Press. 450p. QL84.2 .E55 1994
- Cockcroft, V. G., R. V. Salml and T. P. Dutton. 1993. The status of dugongs in the western Indian Ocean, p. n.p. In: D. Olendo, editor. Submitted to Kenya Wildlife Service.
- Cockcroft, V. 1995. Dugongs of coastal Africa. *African Wildl. Update* **4**, 5.
- Cohen, J. 1997. Can cloning help save beleaguered species? *Science* **276**, 1329-1330.
- Commission, North Pacific Anadromous Fish. 1996. *Annual Report 1996*. Vancouver, BC, North Pacific Anadromous Fish Commission. 74p. SH323 .P1N8a 1996
- Cotterill, F.P.D. & Dangerfield, J.M. 1997. The state of biological knowledge. *Trends in Ecology and Evolution* **12**, 206.
- Craig, B.A., Newton, M.A., Garrott, R.A., Reynolds, J.E.I. & Wilcox, J.R. 1997. Analysis of aerial survey data on Florida manatee using Markov chain Monte Carlo. *Biometrics* **53**, 524-541.
- Crawford, R.J.M., Williams, A.J., Hofmeyr, J.H., Klages, N.T.W., Randall, R.M., Cooper, J., Dyer, B.M. & Chesselet, Y. 1995. Trends of African penguin {Spheniscus demersus} populations in the 20th century. *S. Afr. J. Mar. Sci.* **16**, 101-118.
- Crawford, R.E. & Jorgenson, J.K. 1993. Schooling behaviour of arctic cod, {Boreogadus saida}, in relation to drifting pack ice. *Environ. Biol. Fishes* **36**, 345-357.
- Dahlheim, Marilyn, David K. Ellifrit and Jack D. Swenson. 1997. *Killer Whales of Southeast Alaska: a Catalogue of Photo-Identified Individuals*. Seattle, WA, National Marine Mammal Laboratory, AFSC, NMFS, NOAA, [U.S.]

Department of Commerce]. 79p. QL737 .C432 D138 1997

Dall, S.R.X. 1997. Behaviour and speciation. *Trends in Ecology and Evolution* **12**, 209-210.

Dawson, S.D. 1996. A new kentriodontid dolphin (Cetacea; Delphinoidea) from the middle Miocene Choptank Formation, Maryland. *J. Vertebr. Paleontol.* **16**, 135-140.

DeMaster, Douglas P. 1981. Incorporation of density dependence and harvest into a general population model for seals, pp. 389-401 In: Charles W. Fowler, editor. John Wiley & Sons.

Deming, J.W., Reysenback, A.-L., Macko, S.A. & Smith, C.R. 1997. Evidence for the microbial basis of a chemoaerotrophic invertebrate community at a whale fall on the deep sea floor: bone-colonizing bacteria and invertebrate endosymbionts. *Microsc. Res. Tech.* **37**, 162-170.

Deutz, A.e.al. 1996. Serological examination on zoonoses in veterinarians. Part I: Basic data and prevalence of

antibodies against bacteriological zoonoses. *Wiener Tier*rztl. Monatsschr.* **83**, 283-288.

Deutz, A.e.al. 1996. Serological examination on zoonoses in veterinarians. Part II: Prevalence of antibodies against parasitological zoonoses. *Wiener Tier*rztl. Monatsschr.* **83**, 353-358.

Doroshenko, N.V. 1997. OBITUARY: Alfred A. Berzin, 1930-1996. *Mar. Mammal Sci.* **13**, 535-536.

Dragoo, J.W. & Honeycutt, R.L. 1997. Systematics of mustelid-like carnivores. *Journal of Mammalogy* **78**, 426-443.

Drechsler, M. & Wissel, C. 1997. Separability of local and regional dynamics in metapopulations. *Theoret. Popul. Biol.* **51**, 9-21.

Edwards, R. 1997. Beware green imperialists: in their eagerness to preserve endangered species for the good of the global environment, conservationists and scientists are ignoring the needs of indigenous peoples. *New Sci.* **154**, 14-15.

Emlen, J.M. 1989. Terrestrial population models for ecological risk assessment: a state-of-the-art review. *Environ. Toxicol. Chem.* **8**, 831-842.

Epperly, S.P., Braun, J., Chester, A.J., Cross, F.A., Merriner, J.V., Tester, P.A. & Churchill, J.H. 1996. Beach strandings as an indicator of at-sea mortality of sea turtles. *Bull. Mar. Sci.* **59**, 289-297.

Erickson, K.S. & Morse, D.H. 1997. Predator size and the suitability of a common prey. *Oecologia* **109**, 608-614.

Ess, C. 1997. Feds poised to take over Alaska fisheries. *Pacific Fishing* **18**, 36-38, 65.

Exxon Valdez Oil Spill Trustee Council. 1997. 1997 Status Report. Anchorage, AK, Exxon Valdez Oil Spill Trustee Council. 40p.

Feeare, C.J., Gill, E.L., Carty, P., Carty, H.E. & Ayrton, V. 1997. Habitat use by Seychelles sooty terns {*Sterna fuscata*} and implications for colony management. *Biol. Conserv.* **81**, 69-76.

Finney, D.J. 1977. Dimensions of statistics. *Appl. Stat.* **26**, 285-289.

Fiscus, C.H. 1997. Cephalopod beaks in a Cuvier's beaked whale ({*Ziphius cavirostris*}) from Amchitka Island, Alaska. *Mar. Mammal Sci.* **13**, 481-486.

- Fisher, K.I. & Stewart, R.E.A. 1997. Summer foods of Atlantic walrus, {*Odobenus rosmarus rosmarus*}, in northern Foxe Basin, Northwest Territories. *Can. J. Zool.* **75**, 1166-1175.
- Fossi, M.C., Marsili, L., Junin, M., Castello, H., Lorenzani, J.A., Casini, S., Savelli, C. & Leonzio, C. 1997. Use of nondestructive biomarkers and residue analysis to assess the health status of endangered species of pinnipeds in the south-west Atlantic. *Mar. Pollut. Bull.* **34**, 157-162.
- Frazer, Nat B. 1994. Sea turtle headstarting and hatchery programs, pp. 374-380 *In:* G. K. Meffe and C. R. Carroll, editors. New York, Sinauer Assoc.
- Freitag, S. & Van Jaarsveld, A.S. 1997. Relative occupancy, endemism, taxonomic distinctiveness and vulnerability: prioritizing regional conservation actions. *Biodiversity Conserv.* **6**, 211-232.
- Fujise, Y., Tanabe, S., Aono, S. & Tatsukawa, R. 1997. Use of organochlorines and heavy metals as chemical tracers for elucidating the ecology of western North Pacific minke whale. *IBI Reports No.* **7**, 109-120.
- Fukui, Y., Mogoe, T., Ishikawa, H. & Ohsumi, S. 1997. Factors affecting in vitro maturation of minke whale ({*Balaenoptera acutorostrata*}) follicular oocytes. *Biol. Reprod.* **56**, 523-528.
- Fukui, Y., Mogoe, T., Ishikawa, H. & Ohsumi, S. 1997. {In vitro} fertilization of {In vitro} matured minke whale ({*Balaenoptera acutorostrata*}) follicular oocytes. *Mar. Mammal Sci.* **13**, 395-404.
- Gallucci, Vincent F., Saul B. Saila, Daniel J. Gustafson and Brian J. Rothschild. 1996. *Stock Assessment: Quantitative Methods and Applications for Small-Scale Fisheries*. Boca Raton, FL, Lewis Publishers, CRC Press. 527p. SH329 .F56S59 1995
- Gannon, D.P., Read, A.J., Craddock, J.E., Fristrup, K.M. & Nicolas, J.R. 1997. Feeding ecology of long-finned pilot whales {*Globicephala melas*} in the western North Atlantic. *Marine Ecology Progress Series* **148**, 1-10.
- Gannon, D.P., Read, A.J., Craddock, J.E. & Mead, J.G. 1997. Stomach contents of long-finned pilot whales {*Globicephala melas*} stranded on the U.S. mid-Atlantic coast. *Mar. Mammal Sci.* **13**, 405-418.
- Gardner, H., Kerry, K., Riddle, M., Brouwer, S. & Gleeson, L. 1997. Poultry virus infection in Antarctic penguins. *Nature* **387**, 245.
- Garner, M.M., Barr, B.C., Packham, A.E., Marsh, A.E., Burek-Huntington, K.A., Wilson, R.K. & Dubey, J.P. 1997. Fatal hepatic sarcocystosis in two polar bears ({*Ursus maritimus*}). *J. Parasitol.* **83**, 523-526.
- Garrett, K.A. & Dixon, P.M. 1997. Environmental pseudointeraction: the effects of ignoring the scale of environmental heterogeneity in competition studies. *Theoret. Popul. Biol.* **51**, 37-48.
- Gaston, A.J. & Ouellet, H. 1997. Birds and mammals of Coats Island, N.W.T. *Arctic* **50**, 101-118.
- Gautam, Amy B. and Andrew W. Kitts. 1996. *Data Description and Statistical Summary of the 1983-92 Cost-Earnings Data Base for Northeast U.S. Commercial Fishing Vessels: a Guide to Understanding and Use of the Data Base*. Woods Hole, MA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-NE-112) 21p. SH11 .M37 no.112
- Gawn, R.W.L. 1948. Aspects of the locomotion of whales. *Nature* **161**, 44-46.
- Gemmell, N.J. & Majluf, P. 1997. Projectile biopsy sampling of fur seals. *Mar. Mammal Sci.* **13**, 512-516.

- Georges, J.-Y.e.al. 1997. Satellite tracking of seabirds: interpretation of activity pattern from the frequency of satellite locations. *Ibis* **139**, 403-405.
- Gillespie, A. 1997. The ethical question in the whaling debate. *Georgetown Int. Environ. Law Rev.* **9**, 355-387.
- Gonz*lez, L.M., Aguilar, A., LØpez-Jurado, L.F. & Grau, E. 1997. Status and distribution of the Mediterranean monk seal {IMonachus monachus} on the Cabo Blanco Peninsula (Western Sahara-Mauritania) in 1993-1994. *Biol. Conserv.* **80**, 225-233.
- Gray, J. & Parry, D.A. 1948. Aspects of the locomotion of whales. *Nature* **161**, 199-200.
- Gray, J.S. 1997. Marine biodiversity: patterns, threats and conservation needs. *Biodiversity Conserv.* **6**, 153-175.
- Griffin, D.A., Thompson, P.A., Bax, N.J., Bradford, R.W. & Hallegraeff, G.M. 1997. The 1995 mass mortality of pilchard: no role found for physical or biological oceanographic factors in Australia. *Mar. Freshwater Res.* **48**, 27-42.
- Guinet, C., Koudil, M., Bost, C.A., Durbec, J.P., Georges, J.Y., Mouchot, M.C. & Jouventin, P. 1997. Foraging behaviour of satellite-tracked king penguins in relation to sea-surface temperatures obtained by satellite telemetry at Crozet Archipelago, a study during three austral summers. *Marine Ecology Progress Series* **150**, 11-20.
- Gulland, F.M.D., Beckmen, K., Burek, K., Lowenstine, L., Werner, L., Spraker, T., Dailey, M. & Harris, E. 1997. Nematode ({IOtostrongylus circumlitus}) infestation of northern elephant seals ({IMirounga angustirostris}) stranded along the central California coast. *Mar. Mammal Sci.* **13**, 446-459.
- Gulland, F.M.D., Lowenstine, L.J., Lapointe, J.M., Spraker, T. & King, D.P. 1997. Herpesvirus infection in stranded Pacific harbor seals of coastal California. *J. Wildl. Dis.* **33**, 450-458.
- Gunderson, Lance H., C. S. Holling and Stephen S. Light. 1995. *Barriers and Bridges to the Renewal of Ecosystems and Institutions*. New York, Columbia University Press. 593p. GE170 .G86 1995
- Guruge, K.S., Tanabe, S., Fukuda, M., Yamagishi, S. & Tatsukawa, R. 1997. Accumulation pattern of persistent organochlorine residues in common cormorants ({IPhalacrocorax carbo}) from Japan. *Mar. Pollut. Bull.* **34**, 186-193.
- Gygax, L. 1997. Space and behavior in captive dolphins. *Mar. Mammal Sci.* **13**, 531-533.
- Hairston, N.G.Jr. & Hairston, N.G.S. 1997. Does food web complexity eliminate trophic-level dynamics? *American Naturalist* **149**, 1001-1007.
- Hamilton, Terry, Seagars, Dana, Knezovich, John, and Layton, DavidBaseline studies on artificial and naturally occurring radionuclides in marine mammals: a case study from Alaska. 96. Preliminary status report, 8p.
- Hammond, K.A. & Diamond, J. 1997. Maximal sustained energy budgets in humans and animals. *Nature* **386**, 457-462.
- Hammond, P.S. & Rothery, P. 1996. Application of computer sampling in the estimation of seal diet. *J. Appl. Stat.* **23**, 525-533.
- Hand, D.J. 1996. Statistics and the theory of measurement. *J.R. Stat. Soc. A* **159**, 445-492.
- Hand, D.J. 1994. Deconstructing statistical questions. *J.R. Stat. Soc. A* **157**, 317-356.

- Hanni, K.D.e.al. 1997. Sightings and strandings of Guadalupe fur seals in central and northern California, 1988-1995. *Journal of Mammalogy* **78**, 684-690.
- Harder, T.C. & Osterhaus, A.D.M.E. 1997. Molecular characterization and baculovirus expression of the glycoprotein B of a seal herpesvirus (phocid herpesvirus-1). *Virol.* **227**, 343-352.
- Harder, T.C., Vos, H., de Swart, R.L. & Osterhaus, A.D.M.E. 1997. Age-related disease in recurrent outbreaks of phocid herpesvirus type-1 infections in a seal rehabilitation centre: evaluation of diagnostic methods. *Vet. Rec.* **140**, 500-503.
- Harding, G.C.e.al. 1997. Bioaccumulation of polychlorinated biphenyls (PCBs) in the marine pelagic food web, based on a seasonal study in the southern Gulf of St. Lawrence, 1976-1977. *Mar. Chem.* **56**, 145-179.
- Hargrave, B.T.e.al. 1992. Organochlorine pesticides and polychlorinated biphenyls in the Arctic Ocean food web. *Arch. Environ. Contam. Toxicol.* **22**, 41-54.
- Hasegawa, M., Adachi, J. & Milinkovitch, M.C. 1997. Novel phylogeny of whales supported by total molecular evidence. *J. Mol. Evol.* **44**, S117-S120.
- Hasegawa, Y. 1997. Review on paleontological studies of marine mammals of the Japanese Archipelago. *IBI Reports No.* **7**, 139-145.
- Hayes, J.P. & Jenkins, S.H. 1997. Individual variation in mammals. *Journal of Mammalogy* **78**, 274-293.
- Hayes, J.P. 1997. Temporal variation in activity of bats and the design of echolocation-monitoring studies. *Journal of Mammalogy* **78**, 514-524.
- Hebert, C.E., Shutt, J.L. & Norstrom, R.J. 1997. Dietary changes cause temporal fluctuations in polychlorinated biphenyl levels in herring gull eggs from Lake Ontario. *Environ. Sci. Technol.* **31**, 1012-1017.
- Helvarg, D. 1997. When Uncle Sam's 'fish cops' reel in a suspect, he's usually a keeper. *Smithsonian* **27**, 30-39.
- Henshaw, M.D., LeDuc, R.G., Chivers, S.J. & Dizon, A.E. 1997. Identifying beaked whales (family Ziphiidae) using mtDNA sequences. *Mar. Mammal Sci.* **13**, 487-495.
- Herreras, M.V., Kaarstad, S.E., Balbuena, J.A., Kinze, C.C. & Raga, J.A. 1997. Helminth parasites of the digestive tract of the harbour porpoise {IPhocoena phocoena} in Danish waters: a comparative geographical analysis. *Dis. Aquat. Org.* **28**, 163-167.
- Hilborn, Ray and Marc Mangel. 1997. *The Ecological Detective: Confronting Models With Data*. Princeton, NJ, Princeton University Press. (Monographs in population biology No. 28) 315p. QH541.15 .M3H54 1997
- Hild*n, M. 1997. Boundary conditions for the sustainable use of major fish stocks in the Baltic Sea. *Ecol. Econ.* **20**, 209-220.
- Hillis, D.M. 1997. Biology recapitulates phylogeny. *Science* **276**, 218-219.
- Hiraguchi, T. 1997. An ethno-archaeological study on the variety of views regarding the cetacean. *IBI Reports No.* **7**, 147-155.
- Hobson, K.A. & Stirling, I. 1997. Low variation in blood *13C among Hudson Bay polar bears: implications for metabolism and tracing terrestrial foraging. *Mar. Mammal Sci.* **13**, 359-367.

- Hodgson, D.A. & Johnston, N.M. 1997. Inferring seal populations from lake sediments. *Nature* **387**, 30-31.
- Hohn, A.A. & D'Agrosa, C. 1997. Vaquita conservation: current science and management. *IBI Reports No. 7*, 45-56.
- Holmes, D.J. 1997. Selected approaches to using individual variation for understanding mammalian, life-history evolution. *Journal of Mammalogy* **78**, 311-319.
- Hook, T. 1997. Puget Sound salmon fishermen face hurdles: seabirds, fish trades, and hostile tourists. *Pacific Fishing* **18**, 42.
- Howlett, E. & Bradstreet, M.R. 1996. GIS component software for oil spill response. *Earth Obs. Mag.* **5**, 26-28.
- Howlett, R. 1997. Flipper's secret [echolocation]. *New Sci.* **154**, 34-39.
- Hutchings, J.A., Walter, C. & Haedrich, R.L. 1997. Is scientific inquiry incompatible with government information control? *Can. J. Fish. Aquat. Sci.* **54**, 1198-1210.
- Ingersoll, R.C., Seastedt, T.R. & Hartman, M. 1997. A model information management system for ecological research. *BioSci.* **47**, 310-316.
- Ings, D.W., Horne, J.K. & Schneider, D.C. 1997. Influence of episodic upwelling on capelin, {IMallotus villosus}, and Atlantic cod, {IGadus morhua}, catches in Newfoundland coastal waters. *Fish. Ocean.* **6**, 41-48.
- Janusz, J. 1996. Polish trial catches of walleye pollock, {ITheragra chalcogramma}, in the international waters of the Bering Sea in the summer of 1993. *Bull. Sea Fish. Inst.* **2**, 29-37.
- Janusz, J. & Horbowy, J. 1997. The state of the walleye pollock in the northern part of the Okhotsk Sea, North Pacific. *Fish. Res.* **30**, 87-102.
- Jefferson, T.A., Curry, B.E., Leatherwood, S. & Powell, J.A. 1997. Dolphins and porpoises of West Africa: a review of records (Cetacea: Delphinidae, Phocoenidae). *Mammalia* **61**, 87-108.
- Jefferson, T.A. 1996. Estimates of abundance of cetaceans in offshore waters of the northwestern Gulf of Mexico, 1992-1993. *Southwest. Nat.* **41**, 279-287.
- Jefferson, T.A. & Barros, N.B. 1997. {IPeponocephala electra}. *Mammalian Species No. 553*, 1-6.
- Jenni-Eiermann, S. & Jenni, L. 1997. Diurnal variation of metabolic responses to short-term fasting in passerine birds during the postbreeding, molting and migratory period. *Condor* **99**, 113-122.
- Johanos, Thea C. and Timothy J. Ragen. 1996. *The Hawaiian Monk Seal in the Northwestern Hawaiian Islands*, 1993. Honolulu, HI, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-SWFSC-227) 141p.
- SH11 .C47 no.227 Johnston, M.E. & Mason, P. 1997. The WWF initiative to develop guidelines and codes of conduct for Arctic tourism. *Polar Rec.* **33**, 151-153.
- Johst, K. & Brandl, R. 1997. Body size and extinction risk in a stochastic environment. *Oikos* **78**, 612-617.
- Jones, G. 1995. Flight performance, echolocation and foraging behaviour in noctule bats {INyctalus noctula}. *Journal of Zoology, London* **237**, 303-312.
- Jones, G., Sripathi, K., Waters, D.A. & Marimuthu, G. 1994. Individual variation in the echolocation calls of three sympatric Indian hipposiderid bats, and an experimental attempt to jam bat echolocation. *Folia Zool.* **43**, 347-362.

- Jones, P. 1997. TBT implicated in mass dolphin deaths. *Mar. Pollut. Bull.* **34**, 146.
- Jordan, C.E. 1996. Coupling internal and external mechanics to predict swimming behavior: a general approach? *Am. Zool.* **36**, 710-722.
- Kannan, K. & Falandysz, J. 1997. Butyltin residues in sediment, fish, fish-eating birds, harbour porpoise and human tissues from the Polish coast of the Baltic Sea. *Mar. Pollut. Bull.* **34**, 203-207.
- Kastelein, R.A., Dubbeldam, J.L. & de Bakker, M.A.G. 1997. The anatomy of the walrus head ({*Odobenus rosmarus*}). Part 5: the tongue and its function in walrus ecology. *Aquatic Mammals* **23**, 29-47.
- Kasuya, T., Izumisawa, Y., Komyo, Y., Ishino, Y. & Maejima, Y. 1997. Life history parameters of bottlenose dolphins off Japan. *IBI Reports* **No. 7**, 71-107.
- Kato, Hidehiro .1995. Migratory strategy of southern minke whales to maintain high reproductive rate, pp. 465-480 In: Arnoldus Schytte Blix, Lars Walloe and Oyvind Ulltang, editors. New York, Amsterdam, Elsevier.
- Kato, H. 1984. Observation of tooth scars on the head of male sperm whale, as an indication of intra-sexual fightings. *Sci. Rep. Whales Res. Inst.* **No. 35**, 39-46.
- Kato, H. 1988. Ossification pattern of the vertebral epiphyses in the southern minke whale. *Sci. Rep. Whales Res. Inst.* **No. 39**, 11-19.
- Kerkvliet, J. & Nebesky, W. 1997. Whaling and wages on Alaska's North Slope: a time allocation approach to natural resource use. *Econ. Dev. Cult. Change* **45**, 651-665.
- Kimura, T., Ozawa, T. & Pastene, L.A. 1997. Sample preparation and analysis of mitochondrial DNA from whale baleen plates. *Mar. Mammal Sci.* **13**, 495-498.
- Kohn, N. 1996. Miocene pinniped {*Alloidesmus*} (Mammalia: Carnivora); with special reference to the "Mito seal" from Ibaraki Prefecture, central Japan. *Trans. Proc. Palaeont. Soc. Japan, N.S.* **No. 181**, 388-404.
- Kovacs, K.M., Lydersen, C., Hammill, M.O., White, B.N., Wilson, P.J. & Malik, S. 1997. A harp seal x hooded seal hybrid. *Mar. Mammal Sci.* **13**, 460-468.
- Lacy, R.C. 1997. Importance of genetic variation to the viability of mammalian populations. *Journal of Mammalogy* **78**, 320-335.
- Lair, S., B*land, P., De Guise, S. & Martineau, D. 1997. Adrenal hyperplastic and degenerative changes in beluga whales. *J. Wildl. Dis.* **33**, 430-437.
- Law, R. J., C. R. Allchin, B. R. Jones, P. D. Jepson, J. R. Baker, and C. J. H. Spurrier . 1997. Metals and organochlorines in tissues of a Blainville's beaked whale (*Mesoplodon densirostris*) and a killer whale (*Orcinus orca*) stranded in the United Kingdom. *Marine Pollution Bulletin* 34(3): 208-212.
- Leatherwood, S. & Jefferson, T.A. 1997. Dolphins and development in Hong Kong: a case study in conflict. *IBI Reports* **No. 7**, 57-69.
- Lennon, J.J., Turner, J.R.G. & Connell, D. 1997. A metapopulation model of species boundaries. *Oikos* **78**, 486-502.
- Leopold, M.F., van der Werf, B., Ries, E.H. & Reijnders, P.J.H. 1997. The importance of the North Sea for winter

- dispersal of harbour seals {IPhoca vitulina} from the Wadden Sea. *Biol. Conserv.* **81**, 97-102.
- Leung, B. & Forbes, M.R. 1997. Modelling fluctuating asymmetry in relation to stress and fitness. *Oikos* **78**, 397-405.
- Limpus, C. & Chaloupka, M. 1997. Nonparametric regression modelling of green sea turtle growth rates (southern Great Barrier Reef). *Marine Ecology Progress Series* **149**, 23-34.
- Link, W.A. & Sauer, J.R. 1997. Estimation of population trajectories from count data. *Biometrics* **53**, 488-497.
- Liu, R., Wang, D., Yang, J. & Zhang, X. 1997. Some new considerations for the conservation of {ILipotes vexillifer} and {INeophocaena phocaenoides} in China. *IBI Reports No.* **7**, 39-44.
- Lowry, Lloyd, Kathryn Frost and Douglas DeMaster. 1997. *Beluga Whale Surveys in the Chukchi Sea, July 1997*. Juneau, AK, National Marine Fisheries Service. (Alaska Beluga Whale Committee Report 97-1) 7p.p.
- Lunn, N.J., Stirling, I. & Nowicki, S.N. 1997. Distribution and abundance of ringed ({IPhoca hispida}) and bearded seals ({IErignathus barbatus}) in western Hudson Bay. *Can. J. Fish. Aquat. Sci.* **54**, 914-921.
- MacLennan, David N. and E. John Simmonds. 1992. *Fisheries Acoustics*. London, New York, Chapman & Hall. 325p. SH344.2 .M33 1991
- Marino, L. & Stowe, J. 1997. Lateralized behavior in two captive bottlenose dolphins ({ITursiops truncatus}). *Zoo Biol.* **16**, 173-177.
- Marsili, L., Fossi, M.C., Notarbartolo di Sciara, G., Zanardelli, M. & Focardi, S. 1996. Organochlorine levels and mixed function oxidase activity in skin biopsy specimens from Mediterranean cetaceans. *Fresenius Environ. Bull.* **5**, 723-728.
- Martins, E.P. & Hansen, T.F. 1997. Phylogenies and the comparative method: a general approach to incorporating phylogenetic information into the analysis of interspecific data. *American Naturalist* **149**, 646-667.
- Mason, C.F., Ekins, G. & Ratford, J.R. 1997. PCB congeners, DDE, dieldrin and mercury in eggs from an expanding colony of cormorants ({IPhalacrocorax carbo}). *Chemosphere* **34**, 1845-1849.
- Matishov, G.G., Matishov, D.G. & Rissanen, K. 1996. Cesium-137 in seabirds and seals of the Barents Sea. *Dokl. Akad. Nauk* **351**, 844-846.
- Matkin, C.O., Matkin, D.R., Ellis, G.M., Saulitis, E. & McSweeney, D. 1997. Movements of resident killer whales in southeastern Alaska and Prince William Sound, Alaska. *Mar. Mammal Sci.* **13**, 469-475.
- Mattson, D.J. 1997. Sustainable grizzly bear mortality calculated from counts of females with cubs-of-the-year: an evaluation. *Biol. Conserv.* **81**, 103-111.
- McCullough, Dale R. 1996. *Metapopulations and Wildlife Conservation*. Washington, DC, Island Press. 429p. QL708.6 .M48 1996
- Measures, L.N., Gosselin, J.-F. & Bergeron, E. 1997. Heartworm, {IAcanthocheilonema spirocauda} (Leidy, 1858), infections in Canadian phocid seals. *Can. J. Fish. Aquat. Sci.* **54**, 842-846.
- Meffe, Gary K., C. Ronald Carroll and and contributers. 1997. *Principles of Conservation Biology*. 2nd edition. Sunderland, MA, Sinauer Assoc. Inc. 729p. QH75 .M386 1997

- Mendes Da Silva, E.e.al. 1997. Impact of petroleum pollution on aquatic coastal ecosystems in Brazil. *Environ. Toxicol. Chem.* **16**, 112-118.
- Miller, R.F. 1997. New records and AMS radiocarbon dates on Quaternary walrus (*Odobenus rosmarus*) from New Brunswick. *Géographie physique et Quaternaire* **37**, 162-170.
- Misund, O.A. 1997. Underwater acoustics in marine fisheries and fisheries research. *Rev. Fish. Biol. Fisheries* **7**, 1-34.
- Miyashita, T. 1997. Distribution of whales in the Sea of Okhotsk, results of the recent sighting cruises. *IBI Reports No. 7*, 21-38.
- Moen, R., Paston, J. & Cohen, Y. 1997. Accuracy of GPS telemetry collar locations with differential correction. *Journal of Wildlife Management* **61**, 530-539.
- Moller, A.P. 1997. Developmental stability and fitness: a review. *American Naturalist* **149**, 916-932.
- Montgelard, C., Catzeffis, F.M. & Douzery, E. 1997. Phylogenetic relationships of artiodactyls and cetaceans as deduced from the comparison of cytochrome {Ib} and 12S rRNA mitochondrial sequences. *Mol. Biol. Evol.* **14**, 550-559.
- Moore, A. 1995. Last rites at Lamalera: whaling in an Indonesian village. *The World & I* **10**, 222-231.
- Morales-Nin, B. & Aldebert, Y. 1997. Growth of juvenile *Merluccius merluccius* in the Gulf of Lions (NW Mediterranean) based on otolith microstructure and length-frequency analysis. *Fish. Res.* **30**, 77-85.
- Morgan, C. 1997. Flesh and blood [grey seal mating strategies]. *BBC Wildl.* **15**, 76-82.
- Mortenson, J. & Follis, M. 1997. Northern elephant seal (*Mirounga angustirostris*) aggression on harbor seal (*Phoca vitulina*) pups. *Mar. Mammal Sci.* **13**, 526-530.
- Mudroch, Alena and Scott D. MacKnight. 1991. *Handbook of Techniques for Aquatic Sediment Sampling*. Boca Raton, FL, CRC Press. 210p. GC380.2 .S28H36 1991
- Mulvaney, K. 1997. The International Whaling Commission and the role of non-governmental organizations. *Georgetown Int. Environ. Law Rev.* **9**, 347-354.
- Mumby, P.J., Clarke, K.R. & Harborne, A.R. 1996. Weighting species abundance estimates for marine resource assessment. *Aquat. Conserv.: Mar. Freshwater Ecosystems* **6**, 115-120.
- Naito, Y. 1997. Development of micro-data logger for the study of behavior, physiology and ecology on free ranging marine animals. *IBI Reports No. 7*, 121-124.
- Nakamura, K. 1991. An essay on the Japanese sea lion, *Zalophus californianus japonicus*, living on the seven islands of Izu. *Bull. Kanagawa Pref. Mus. (Nat. Sci.)* **20**, 59-66.
- Nakamura, K. 1997. Status of the Japanese sea lion, *Zalophus californianus japonicus* (Peters, 1866), its past and present. *IBI Reports No. 7*, 131-137.
- National Marine Fisheries Service and Pacific States Marine Fisheries Commission. 1997. *Draft Report to Congress. Results of Discussions Between National Marine Fisheries Service and Pacific Marine Fisheries Service on Behalf of the States of Washington, Oregon, and California Regarding Recommendations for Addressing the Impacts of California*

Sea Lions and Pacific Harbor Seals on Salmonids and West Coast Ecosystems . (19p)

Notarbartoli-Di-Sciara, G., Barbaccia, G. & Azzellino, A. 1997. Birth at sea of a false killer whale, {IPseudorca crassidens}. *Mar. Mammal Sci.* **13**, 508-511.

Olesiuk, P. F., G. Horonowitsch, G. M. Ellis, T. G. Smith, L. Flostrand and S. C. Warby. 1996. *An Assessment of Harbour Seal ({IPhoca Vitulina}) Predation on Outmigrating Chum Fry ({IOncorhynchus Keta}) and Coho Smolts ({IO. Kisutch}) in the Lower Puntledge River, British Columbia*. Nanaimo, BC, Pacific Stock Assessment Review Committee. (PSARC working paper S95-10) v.p.p.

Olson, M.E., Roach, P.D., Stabler, M. & Chan, W. 1997. Giardiasis in ringed seals from the western Arctic. *J. Wildl. Dis.* **33**, 646-648.

Ostapczuk, P. & Froning, M. 1997. Electroanalytical determination of cadmium and lead in marine samples. *Croatica Chem. Acta* **70**, 193-205.

Palacios, D.M., Félix, F., Flórez-González, L., Cappela, J.J., Chiluiza, D. & Haase, B.J.M. 1997. Sightings of Galápagos sea lions (*Zalophus californianus wollebaeki*) on the coasts of Columbia and Ecuador. *Mammalia* **61**, 114-116.

Parry, D.A. 1949. The anatomical basis of swimming in whales. *Proceedings of the Zoological Society of London* **119**, 49-60.

Pascual, M. & Caswell, H. 1997. Environmental heterogeneity and biological pattern in a chaotic predator-prey system. *J. Theor. Biol.* **185**, 1-13.

Pearce, F. 1997. Northern exposure: Why is the apparently pristine Arctic full of toxic chemicals that started off thousands of kilometres away? [contaminants in marine mammal meat consumed by Canadian Inuit]. *New Sci.* **154**, 24-27.

Pearce, F. 1997. Sneaky El Niño outwits weather forecasters. *New Sci.* **154**, 6.

Pearson, J.G.e.al. 1997. Assignment and analysis of flourine nuclear magnetic resonance spectra of 4-fluorotryptophan myoglobins and hemoglobins [sperm whale myoglobin]. *Biochem.* **36**, 3590-3599.

Petrie, S.A., Rogers, K.H. & Baloyi, F.R. 1996. Effects of harness-attached satellite transmitters on captive whitefaced ducks {IDendrocygna viduata}. *S. Afr. J. Wildl. Res.* **26**, 93-95.

Piatt, John F. and Roseneau, David G. APEX Project 97163M: Cook Inlet Seabird and Forage Fish Studies (CISeaFFS). 97. APEX Proj. 96163M, 1997 Annual Report, 8p.

Polak, M. 1997. Ectoparasitism in mothers causes higher positional fluctuating assymetry in their sons: implications for sexual selection. *American Naturalist* **149**, 955-974.

Pomory, C.M. 1997. Fluctuating asymmetry: biological relevance or statistical noise? *Anim. Behav.* **53**, 225-227.

Ponganis, P.J., Kooyman, G.L., Winter, L.M. & Starke, L.N. 1997. Heart rate and plasma lactate responses during submerged swimming and trained diving in California sea lions, {IZalophus californianus}. *J. Comp. Physiol. B* **167**, 9-16.

Preen, A.R., Marsh, H., Lawler, I.R., Prince, R.I.T. & Shepherd, R. 1997. Distribution and abundance of dugongs, turtles, dolphins and other megafauna in Shark Bay, Ningaloo Reef and Exmouth Gulf, Western Australia. *Wildl. Res.* **24**, 185-208.

Punt, A.E. & Butterworth, D.S. 1995. The effects of future consumption by the Cape fur seal on catches and catch rates of the Cape hakes. 4. Modelling the biological interaction between Cape fur seals {IArctocephalus pusillus pusillus} and the Cape hakes {IMerluccius capensis} and {IM. paradoxus}. *S. Afr. J. Mar. Sci.* **16**, 255-285.

Punt, A.E., David, J.M.D. & Leslie, R.W. 1995. The effects of future consumption by the Cape fur seal on catches and catch rates of the Cape hakes. 2. Feeding and diet of the Cape fur seal {IArctocephalus pusillus pusillus}. *S. Afr. J. Mar. Sci.* **16**, 85-99.

Punt, A.E. & Leslie, R.W. 1995. The effects of future consumption by the Cape fur seal on catches and catch rates of the Cape hakes. 1. Feeding and diet of the Cape hakes {IMerluccius capensis} and {IM. paradoxus}. *S. Afr. J. Mar. Sci.* **16**, 37-55.

Punt, A.E. & Hilborn, R. 1997. Fisheries stock assessment and decision analysis: the Bayesian approach. *Rev. Fish Biol. Fish.* **7**, 35-63.

Quang, P.X. & Becker, E.F. 1997. Combining line transect and double count sampling techniques for aerial surveys. *J. Agric. Biol. Environ. Stat.* **2**, 230-242.

Ray, G. Carleton .1981. The role of large organisms, pp. 397-413 In: A. R. Longhurst, editor. London, Academic Press.

Reeves, R.R., Smith, B.D. & Leatherwood, S. 1996. Nepal's declining river dolphins. Will the Chisapani Dam signal their doom? *Sanctuary Asia* **16**, 14-25.

Reeves, R.R. & Whitehead, H. 1997. Status of the sperm whale, {IPhyseter macrocephalus}, in Canada. *Can. Field-Nat.* **111**, 293-307.

Reichhardt, T. 1997. Biologists sound warning on species conservation. *Nature* **386**, 530.

Revishchin, A.V. & Garey, L.J. 1996. Mitochondrial distribution in visual and auditory cerebral cortex of the harbour porpoise. *Brain Behav. Ecol.* **47**, 257-266.

Rice, Stanley D., Robert B. Spies, Douglas A. Wolfe and Bruce A. Wright. 1996. *Proceedings of the /Exxon Valdez/ Oil Spill Symposium*. Bethesda, MD, American Fisheries Society. (American Fisheries Society Symposium 18) 931p. SH1 .A361 no.18

Riemer, Susan D. and Robin F. Brown. 1997. *Prey of Pinnipeds at Selected Sites in Oregon Identified by Scat (Fecal) Analysis, 1983-1996*. Newport, OR, Oregon Department of Fish and Wildlife. (Technical Report No. 97-6-02) 34p.

Robins, J.B. 1995. Estimated catch and mortality of sea turtles from the east coast otter trawl fishery of Queensland, Australia. *Biol. Conserv.* **74**, 157-167.

Robinson, P.H. 1996. Evaluation of a seal by-product meal as a feedstuff for dairy cows. *Anim. Feed Sci. Technol.* **63**, 51-62.

Rodhouse, P.G. & Nigmatullin, C.M. 1996. Role as consumers [cephalopods]. *Philosophical Transactions of the Royal Society of London B Biological Sciences* **351**, 1003-1022.

Rojas-Bracho, L. and J. Urb*n-Ram*rez .1993. Vaquita: its environment, biology and problematic, pp. 48-72 In: Jose Luis Ferman Almada, Lorenzo GØmez-Mor*n and David W. Fischer, editors. New Orleans, LA, American Society of Civil Engineers.

- Romero, A., Agudo, A.I. & Blondell De Agudo, S.J. 1997. The scientific discovery of the Amazon River dolphin {*IInia geoffrensis*}. *Mar. Mammal Sci.* **13**, 419-426.
- Rosenbaum, H.C., Clapham, P.J., Allen, J., Nicole-Jenner, M., Jenner, C., Florez-González, L., Urbán R., J., Ladrón G., P., Mori, K., Yamaguchi, M. & Baker, C.S. 1995. Geographic variation in ventral fluke pigmentation of humpback whale {*Megaptera novaeangliae*} populations worldwide. *Marine Ecology Progress Series* **124**, 1-7.
- Ross, Robin M., Eileen E. Hofmann and Langdon B. Quetin. 1996. *Foundations for Ecological Research West of the Antarctic Peninsula*. Washington, DC, American Geophysical Union. (Antarctic Research Series Vol. 70) 448p. QH541.264 .A6F67 1996
- Rossbach, K.A. & Herzing, D.L. 1997. Underwater observations of benthic-feeding bottlenose dolphins {*Tursiops truncatus*}) near Grand Bahama Island, Bahamas. *Mar. Mammal Sci.* **13**, 498-504.
- Rush, E. 1995. The sea otter: a keystone species. *Outdoor California* **56**, 19-20.
- Russell, J.M., Simonoff, J.S. & Nightingale, J. 1997. Nursing behaviors of beluga calves ({*Delphinapterus leucas*}) born in captivity. *Zoo Biol.* **16**, 247-262.
- Ruxton, G.D. 1995. Foraging in flocks: non-spatial models may neglect important costs. *Ecol. Modelling* **82**, 277-285.
- Ryan, C.J., Hickling, G.J. & Wilson, K.-J. 1997. Breeding habitat preferences of the New Zealand fur seal {*Arctocephalus forsteri*}) on Banks Peninsula. *Wildl. Res.* **24**, 225-235.
- Ryazanov, D.A. 1996. New data on development of dentition in sea-otter {*Enhydra lutris*} (Carnivora, Mustelidae). *Zool. Zh.* **75**, 1907-1908.
- Sandell, H. & Sandell, B. 1996. Polar bear hunting and hunters in Ittoqqortoormiit/Scoresbysund, NE Greenland. *Arctic Anthropol.* **33**, 77-93.
- Sauer, W.H.H. 1995. The impact of fishing on chokka squid {*Loligo vulgaris reynaudii*} concentrations on inshore spawning grounds in the south-eastern Cape, South Africa. *S. Afr. J. Mar. Sci.* **16**, 185-193.
- Sauer, W.H.H. 1995. South Africa's Tsitskamma National Park as a protected breeding area for the commercially exploited chokka squid {*Loligo vulgaris reynaudii*}. *S. Afr. J. Mar. Sci.* **16**, 365-371.
- Schaeff, C.M., Kraus, S.D., Brown, M.W., Perkins, J.S., Payne, R. & White, B.N. 1997. Comparison of genetic variability of North and South Atlantic right whales ({*Eubalaena*}), using DNA fingerprinting. *Can. J. Zool.* **75**, 1073-1080.
- Schalk, G. & Forbes, M.R. 1997. Male biases in parasitism of mammals: effects of study type, host age, and parasite taxon. *Oikos* **78**, 67-74.
- Schellenberg, M.P. 1997. BOOK REVIEW: Conservation biology in theory and practice, by G. Caughey and A. Gunn. 1996. Blackwell Science, Cambridge. 459p. *Can. Field-Nat.* **111**, 352.
- Scott, M.D. 1996. The tuna-dolphin controversy. *Whalewatcher* **30**, 16-20.
- Sedmera, D., Misek, I. & Klima, M. 1997. On the development of cetacean extremities: I. Hind limb rudimentation in the spotted dolphin {*Stenella attenuata*}). *Eur. J. Morphol.* **35**, 25-30.

- Siegel, V. & Harm, U. 1996. The composition, abundance, biomass and diversity of the epipelagic zooplankton communities of the southern Bellingshausen Sea (Antarctic) with special reference to krill and salps. *Arch. Fish. Mar. Res.* **44**, 115-139.
- Sigvaldsson, H. 1996. The International Whaling Commission: the transition from a 'whaling club' to a 'preservation club'. *Cooperation and Conflict* **31**, 311-352.
- Slooten, E., Dawson, S.M. & Lad, F. 1992. Survival rates of photographically identified Hector's dolphins from 1984 to 1988. *Mar. Mammal Sci.* **8**, 327-343.
- Smale, M.J., Klages, N.T., David, J.H.M. & Cockcroft, V.G. 1994. Predators of the Agulhas Bank. *S. Afr. J. Sci.* **90**, 135-142.
- Smith, R.J. 1997. Status of the Lacs des Loups Marins harbour seal, {IPhoca vitulina mellonae}, in Canada. *Can. Field-Nat.* **111**, 270-276.
- Smith, S.E. 1996. Life after death on the seafloor: anaerobic oases of whales' bones. *Pac. Discovery* **49**, 32-35.
- Stacey, P.J. & Baird, R.W. 1997. Birth of a "resident" killer whale off Victoria, British Columbia, Canada. *Mar. Mammal Sci.* **13**, 504-508.
- Starfield, A.M. 1997. A pragmatic approach to modeling for wildlife management. *Journal of Wildlife Management* **61**, 261-270.
- Stirling, Ian and Nicholas J. Lunn .1997. Environmental fluctuations in arctic marine ecosystems as reflected by variability in reproduction of polar bears and ringed seals, pp. 167-181 *In:* Sarah J. Woodin and Mick Marquiss, editors. Cambridge, MA, Oxford, England, Blackwell Science.
- Stoett, Peter J. 1997. *The International Politics of Whaling*. Vancouver, Canada, UBC Press. 228p. SH381 .St65 1997
- Suter, W. & Morel, P. 1996. Pellet analysis in the assessment of great cormorant {IPhalacrocorax carbo} diet: reducing biases from otolith wear when reconstructing fish length. *Colon. Waterbirds* **19**, 280-284.
- Swihart, R.K. & Slade, N.A. 1997. On testing for independence of animal movements. *J. Agric. Biol. Environ. Stat.* **2**, 48-63.
- Tanabe, S., Madhusree, B., *zt*rk, A.A., Tatsukawa, R., Miyazaki, N., *zdamar, E., Aral, O., Samsun, O. & *zturk, B. 1997. Persistent organochlorine residues in harbour porpoise ({IPhocoena phocoena}) from the Black Sea. *Mar. Pollut. Bull.* **34**, 338-347.
- Taylor, Barbara L. and Jay Barlow .1995. The step-wise fit: a new model for estimating mammalian mortality from incomplete data sets, pp. 24-43 *In:* J. D. Ballou, M. Gilpin and T. J. Foose, editors. New York, Columbia University Press.
- Taylor, Barbara L., Timothy B. Gage, Jay Barlow, Paul Mamelka and Bennett Dyke .1995. Mortality models for numerically small populations of mammals, pp. 44-54 *In:* J. D. Ballou, M. Gilpin and T. J. Foose, editors. New York, Columbia University Press.
- Thomas, O. 1922. The generic name of the finless-backed porpoise, formerly known as {INeomeris phocaenoides}. *Ann. Mag. Nat. Hist.* **9**, 676-677.
- Thompson, P.M., Tollit, D.J., Wood, D., Corpe, H.M., Hammond, P.S. & Mackay, A. 1997. Estimating harbour seal

- abundance and status in an estuarine habitat in north-east Scotland. *J. Appl. Ecol.* **34**, 43-52.
- Tocidlowski, M.E., Lappin, M.R., Sumner, P.W. & Stoskopf, M.K. 1997. Serologic survey for toxoplasmosis in river otters. *J. Wildl. Dis.* **33**, 649-652.
- Torres, G.J., Norbis, W. & Lorenzo, M.I. 1996. Variations in the measures of Argentine hake (*Merluccius hubbsi*) rings otoliths during their first-year: evidence for stocks separation? *Scientia Marina* **60**, 331-338.
- Treacy, Stephen D. 1997. *Aerial Surveys of Endangered Whales in the Beaufort Sea, Fall 1996*. Anchorage, AK, U.S. Department of the Interior. (OCS Study MMS 97-0016) 74p. +appendicesp. QL737 .C4Ae888 1997
- Urb*n-R, J. & Aguayo L, A. 1987. Spatial and seasonal distribution of the humpback whale, *Megaptera novaeangliae*, in the Mexican Pacific. *Mar. Mammal Sci.* **3**, 333-344.
- Urb*n-R, J. & Flores R, S. 1996. A note on Bryde's whales (*Balaenoptera edeni*) in the Gulf of California, Mexico. *Rep. Int. Whal. Comm.* **46**, 453-457.
- Urb*n Ram*rez, J. & Jaramillo Legorreta, A.M. 1992. Segundo varamiento de *Iberardius bairdii* en La Bahia de La Paz, B.C.S. (Second stranding of *Iberardius bairdii* in the Bay of La Paz, B.C.S.). *Rev. Inv. Cient.* **3**, 85-92.
- Van den Brink, N.W. 1997. Directed transport of volatile organochlorine pollutants to polar regions: the effect on the contamination pattern of Antarctic seabirds. *Science of the Total Environment* **198**, 43-50.
- Van Waerebeek, K., Bree, P.J.H.v. & Best, P.B. 1995. On the identity of *Prodelphinus petersii* L*tken, 1889 and records of dusky dolphin *Lagenorhynchus obscurus* (Gray, 1828) from the southern Indian and Atlantic Oceans. *S. Afr. J. Mar. Sci.* **16**, 25-35.
- Van Waerebeek, K., Van Bressem, M.-F., F*lix, F., Alfaro-Shigueto, J., Garcia-Godos, A., Ch*vez-Lisambart, L., OntØn, K., Montes, D. & Bello, R. 1997. Mortality of dolphins and porpoises in coastal fisheries off Peru and southern Ecuador in 1994. *Biol. Conserv.* **81**, 43-49.
- Vaughan, N., Jones, G. & Harris, S. 1997. Identification of British bat species by multivariate analysis of echolocation call parameters. *Bioacoustics* **7**, 189-207.
- Vidal, O., Barlow, J., Hurtado, L.A., Torre, J., CendØn, P. & Ojeda, Z. 1997. Distribution and abundance of the Amazon River dolphin (*Inia geoffrensis*) and the tucuxi (*Sotalia fluviatilis*) in the upper Amazon River. *Mar. Mammal Sci.* **13**, 427-445.
- Vinogradov, A.E. 1997. Nucleotypic effect in homeotherms: body-mass independent resting metabolic rate of passerine birds is related to genome size. *Evol.* **51**, 220-225.
- Wade, Paul R. 1994. Abundance and Population Dynamics of Two Eastern Pacific Dolphins, *Stenella attenuata* and *Stenella longirostris orientalis*. Dissertation, University of California, San Diego. 255p. THESIS W-19. THESIS W-19
- Walker, T.R.e.al. 1997. Marine debris surveys at Bird Island, South Georgia 1990-1995. *Mar. Pollut. Bull.* **34**, 61-65.
- Watson, J.C., Ellis, G.M., Smith, T.G. & Ford, J.K.B. 1997. Updated status of the sea otter, *Enhydra lutris*, in Canada. *Can. Field-Nat.* **111**, 277-286.

Watt, J., G. J. Pierce and P. R. Boyle. 1997. *Guide to the Identification of North Sea Fish Using Premaxillae and Vertebrae*. Copenhagen, International Council for the Exploration of the Sea. (ICES cooperative research report No. 220) 231p. GC1 .I8c no.220

Wells, R.S. & Scott, M.D. 1997. Seasonal incidence of boat strikes on bottlenose dolphins near Sarasota, Florida. *Mar. Mammal Sci.* **13**, 475-480.

Wendell, F. 1995. A perspective on sea otter management. *Outdoor California* **56**, 21.

Whitehead, H. 1997. Analysing animal social structure. *Anim. Behav.* **53**, 1053-1067.

Whitehead, H., Faucher, A., Gowans, S. & McCarrey, S. 1997. Status of the northern bottlenose whale, {IHyperoodon ampullatus}, in the Gully, Nova Scotia. *Can. Field-Nat.* **111**, 287-292.

Wickens, Patti and Best, PeterA summary of South African (Cape) fur seal harvests in the 1900's and an indication of seal harvests in the 1800's. 94. Report compiled for the Sea Fisheries Research Institute of the Department of Environmental Affairs, South Africa. 13p.

Wilkinson, I.S. & Bester, M.N. 1997. Tag-loss in southern elephant seals, {IMirounga leonina}, at Marion Island. *Antarct. Sci.* **9**, 162-167.

Wilson, C. D. and M. A. Guttormsen. 1997. *Echo Integration-Trawl Survey of Pacific Whiting, {IMerluccius Productus}, Off the West Coasts of the United States and Canada During July-September 1995*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-AFSC-74) 70p. SH11 .A365a no.74

Wilson, R.P.e.al. 1997. Long-term attachment of transmitting and recording devices to penguins and other seabirds. *Wildlife Society Bulletin* **25**, 101-106.

Wing, B. L., C. W. Derrah and V. M. O'Connell. 1997. *Ichthyoplankton in the Eastern Gulf of Alaska, May 1990*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-AFSC-75) 42p. SH11 .A365a no.75

Winkler, D.W. & Adler, F.R. 1996. Dynamic state variable models for parental care: I. A submodel for the growth of the chicks of passerine birds. *J. Avian Biol.* **27**, 343-353.

Wotton, J.M. & Jenison, R.L. 1997. A backpropagation network model of the monaural localization information available in the bat echolocation system. *J. Acoust. Soc. Am.* **101**, 2964-2972.

Würsig, B. 1996. Swim-with-dolphin activities in nature: weighing the pros and cons. *Whalewatcher* **30**, 11-15.

Yamada, T.K. 1997. Strandings of cetacea to the coasts of the Sea of Japan - with special reference to {IMesoplodon stejnegeri}. *IBI Reports No.* **7**, 9-19.

Yasui, Y. 1997. A "good-sperm" model can explain the evolution of costly multiple mating by females. *American Naturalist* **149**, 573-584.

York, Anne E. and Victor B. Scheffer . 1997. Timing of implantation in the northern fur seal, *Callorhinus ursinus*. *Journal of Mammalogy* 78(2): 675-683.

Zarnke, R.L., Harder, T.C., Vos, H.W., Ver Heof, J.M. & Osterhaus, A.D.M.E. 1997. Serologic survey for phocid herpesvirus-1 and -2 in marine mammals from Alaska and Russia. *J. Wildl. Dis.* **33**, 459-465.

Zavalaga, C.B. & Paredes, R. 1997. Sex determination of adult Humboldt penguins using morphometric characters.

J. Field. Ornithol. **68**, 102-112.

Zecchini, F., Vecchione, M. & Roper, C.F.E. 1996. A quantitative comparison of hectocotylus morphology between Mediterranean and western Atlantic populations of the squid {*Illex coindetti*} (Mollusca: Cephalopoda: Oegopsida: Ommastrephidae). *Proc. Biol. Soc. Wash.* **109**, 591-599.

Zhou, Kaiya, Yayi Hou, Anli Gao, Toshiro Kamiya and Ryo Tatsukawa .1994. Heavy metals in tissues of finless porpoise in the East China Sea, pp. 201-211. Chinese Zoological Association.

Zioupos, P. & Currey, J.D. 1996. Pre-failure toughening mechanisms in the dentine of the narwhal tusk: microscopic examination of stress/strain induced microcracking. *J. Mater. Sci. Lett.* **15**, 991-994.

Zug, G.R., Kalb, H.J. & Luzar, S.J. 1997. Age and growth in wild Kemp's ridley seaturtles {*Lepidochelys kempii*} from skeletochronological data. *Biol. Conserv.* **80**, 261-268.